

# *4th Grade Science*

## **Quarter 1 Standards**

1. **4.E1U1.5:** I can use models to explain seismic waves and their effect on the Earth.
2. **4.E1U1.6:** I can plan and carry out an investigation to explore and explain the interactions between Earth's major systems and the impact on Earth's surface materials and processes.
3. **4.E1U1.7:** I can develop and/or revise a model using various rock types, fossil location, and landforms to show evidence that Earth's surface has changed over time.
4. **4.E1U1.8:** I can collect, analyze, and interpret data to explain weather and climate patterns.
5. **4.E1U2.10:** I can define problem(s) and design solution(s) to minimize the effects of natural hazards.
6. **4.E1U3.9:** I can construct and support an evidence-based argument about the availability of water and its impact on life.

## **Quarter 2 Standards**

1. **4.E1U1.5:** I can use models to explain seismic waves and their effect on the Earth.
2. **4.E1U1.6:** I can plan and carry out an investigation to explore and explain the interactions between Earth's major systems and the impact on Earth's surface materials and processes.
3. **4.E1U1.7:** I can develop and/or revise a model using various rock types, fossil location, and landforms to show evidence that Earth's surface has changed over time.
4. **4.E1U1.8:** I can collect, analyze, and interpret data to explain weather and climate patterns.
5. **4.E1U2.10:** I can define problem(s) and design solution(s) to minimize the effects of natural hazards.
6. **4.E1U3.9:** I can construct and support an evidence-based argument about the availability of water and its impact on life.

## **Quarter 3 Standards**

- 1. 4.L4U1.11:** I can analyze and interpret environmental data to demonstrate that species either adapt and survive, or go extinct over time.
- 2. 4.P2U1.3:** I can develop and use a model to demonstrate magnetic forces.
- 3. 4.P4U1.1:** I can develop and use a model to demonstrate how a system transfers energy from one object to another even when the objects are not touching.
- 4. 4.P4U1.2:** I can develop and use a model that explains how energy is moved from place to place through electric currents.
- 5. 4.P4U3.4:** I can engage in argument from evidence on the use and impact of renewable and nonrenewable resources to generate electricity.

## **Quarter 4 Standards**

- 1. 4.P4U1.2:** I can develop and use a model that explains how energy is moved from place to place through electric currents.
- 2. 4.P4U3.4:** I can engage in argument from evidence on the use and impact of renewable and nonrenewable resources to generate electricity.